

Abstract

The present invention is related to the making of a battery array with cooling system, which includes outer case, at least two individual batteries connected in either serial or parallel and a cooling system. There are array of holes drilled on two opposing sides of the outer case to allow outside cooler air pass through. The present invention resolved over heating problem in large power battery assembly, realize multiple times of voltage output of lithium ion battery; in addition, when individual battery unit is broken it can be taken out of the assembly easily.